Date: Tue, 24 May 94 04:30:16 PDT
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V94 #154
To: Ham-Ant

Ham-Ant Digest  Tue, 24 May 94  Volume 94 : Issue 154

Today's Topics:



Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party.  Your mileage may vary.  So there.

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Date: 23 May 94 09:10:51 -0600
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!darwin.sura.net!
atlas.tntech.edu!jmg@network.ucsd.edu
Subject: 2 meter thru-glass
To: ham-ant@ucsd.edu

#1) how does a thru the glass 2 meter antenna actually work?

#2) what are its disadvantages?

thanks

73

Jeff, AC4HF

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Date: 23 May 94 16:19:39 GMT
From: sdd.hp.com!col.hp.com!srgenprp!bsplaine@hplabs.hpl.hp.com
Subject: 2 meter thru-glass
To: ham-ant@ucsd.edu

NAME JEFF M. GOLD, MGR ACS (jmg@tntech.edu) wrote:
: #1) how does a thru the glass 2 meter antenna actually work?

: #2) what are its disadvantages?

Hi Jeff, I believe the  antenna works thru capacitive coupling.  I believe the antenna works great.  I had a Larson 2M whip on the front window above the r.v. mirror.  There was absolutely no difference between that and the 5/8 mag on the roof.  It is a very clean installation, easy to remove and replace on a new vehicle without doing anything invasive.  I had a bit of trouble when I pryed it off the first vehicle and put it on the second.  When I sent the unit back to Larson for tweakin of the coil, they sent me a new one free of charge.... THAT'S CUSTOMER SERVICE WITH A PLUS....

The only problems I am aware of is placing the coupling heads over reflective window tinting.  Some of the tinting materials don't look reflective but cause problems with proper operation.  Larson or other mfg's should be able to help with vehicle types of tinting spec's

Good Luck, Bill/N6GHG

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Date: Mon, 23 May 1994 10:50:09 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
jabba.ess.harris.com!news.ess.harris.com!su102w.ess.harris.com!
harris.pander01@network.ucsd.edu
Subject: After-market HT antennas
To: ham-ant@ucsd.edu

>Question: The Smiley "Super Stick II" claims to be a "5/8 wave, loaded
>telescoping antenna with 6-9 db gain fully extended (54"), usable fully
>collapsed (10"), or one section (1/4 wave)."  The implication is the
>radio doesn't care that the feed point impedance is going to be varying
>wildly as the ant is telescoped from 10" to 54". Am I missing something
>here?

>73
>Art N2AH

I doubt that Smiley suggests that you can use teir antenna at any arbitrary length in the range you mention.  I would surmise that the feedpoint impedance is "close" to 50 ohms at only the lengths they quoted.
*Paul Anderson*    Phone: 407-729-7969, FAX: 407-729-7851
Internet:     harris.pander01@ic1d.harris.com
Amateur Packet: AB4VA @ N5AUV.#MLBFL.FL.USA.NA

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Date: 24 May 94 01:01:44 GMT
From: agate!howland.reston.ans.net!spool.mu.edu!uwm.edu!mixcom.com!kevin.jessup@ucbvax.berkeley.edu
Subject: After-market HT antennas
To: ham-ant@ucsd.edu

In <2roj0p$ciu@dartvax.dartmouth.edu> Kenneth.E.Harker@Dartmouth.Edu (Kenneth E. Harker) writes:

>In article <93.206.7581.0NFB27F7@woodybbs.com>
>art.harris@woodybbs.com (Art Harris) writes:

>> I'm looking for recommendations for a good flexible 2-meter HT antenna
>> to replace the 3.5 inch rubber duck that came with my Alinco DJ-F1T.

>I've been extremely pleased with my Diamond RH77CA, which is a dual
>band ducky.  You might want to check out Diamond's 2m only version of
>this...

I'll second that!  Good antenna.

Art Harris said flexible.  I'd call the RH77CA "somewhat" flexible.

Nuthin better than an AEA Hot Rod (half wave whip), however.  A half-wave does not require a ground plane.  With an HT, there is no ground plane.  A 1/4 wave and 5/8 wave antenna DO require a ground plane if the quoted gain figures are to be realized.

--
  /`-_           kevin.jessup@mixcom.com  |  Vote Libertarian!
 {     }/                                 |
  \    /      N9SQB, ARRL, Amateur Radio  |  Call 1-800-682-1776
   |__*|   N9SQB @ WA9POV.#MKE.WI.USA.NA  |  for more information.

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Date: 23 May 94 16:17:00 GMT
From: agate!library.ucla.edu!psgrain!nntp.cs.ubc.ca!torn!uunet.ca!uunet.ca!uusynap.synapse.org!synapse.org!jacques.clark@ucbvax.berkeley.edu

Subject: Antenna Choice???
To: ham-ant@ucsd.edu

I live in a fringe area of Ottawa, Canada. My QTH is Orleans. I want to install a Yagi 2M antenna. There is a lot of intermod in my area. That is the reason why I favor a beam over an omnidirectionnal antenna. I am looking for a Cushcraft A148-20S (Forward Gain, 16.2 dBd) or an A148-10S (7.8 Forward Gain, dBd), or an A148-3S (7.8 Forward Gain, dBd).

Is the strongest gain the better? Is there disadvantages to have stronger gain?

As a roter is the Radio Shack Archeroter (TV Antenna) Cat. #15-1225, good enough for the type of antenna I am thinking about?

I am new in HAM Radio and want to use the 2M Band for Packet and voice. I presently have a Kenwood TM-732 A mobile that I use as a base.

73. de Jacques VA3RTJ

Internet: jacques.clark@synapse.org

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 ~ POW 1.0  On Trial ~ Powerline Offline reader for Windows - New Windows OLR

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Date: Mon, 23 May 1994 11:06:31 GMT
From: iat.holonet.net!vectorbd!jpll@uunet.uu.net
Subject: Coaxial Dipole? I goofed somewhere.
To: ham-ant@ucsd.edu

Ed Bathgate (ed@fore.com) wrote:

: In my attempts to build a coaxial dipole/hypodermic antenna, once again I failed...
: The swr was 3:1 min at the very top of the 2m band...

The diameter of the tube DOES affect the resonant freq and therefore the Z. The 19 inches sounds too long to me as does the 21 inch whip. One way to sort this out is to resonant each piece individually over a ground plane then put them together.

--

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-Jim Lill-
jpll@vectorbd.com
wa2zkd@wb2psi.#wny.ny.usa.na

Vector Board BBS
716-544-1863/2645
GEnie: ZKD

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Date: 23 May 94 21:24:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: Quoting Diarrhoea
To: ham-ant@ucsd.edu

To:  Ham-Ant@UCSD.Edu
From: RICKARD@qut.edu.au
Re:  Quoting diarrhoea

PLEASE, PLEASE, PLEASE, can we stop the quoting diarrhoea which seems to be affecting many of the respondents to this conference.

In many cases quote sections of up to 3kb are followed by a 1 word response.

In some cases 2nd order, 3rd order, 4th, and sometimes even 5th order requotes are seen. This is not necessary.

In some cases forwarding path lists of up to 30 lines have been quoted. This is not necessary.

It is not a sin to edit the quoted text. The fact that we delimit the quoted text by > or other accepted symbols is to indicate that sections of text may have been deleted for the sake of brevity or clarification. The use of the " symbol is used to indicate those cases where the original text has to be quoted verbatim.

If your response to a quoted section is less that the size of the quote, then obviously you have nothing to say or contribute to the discussion and it would be better to say nothing. Remember, better to be thought an idiot, than open your mouth and prove it.....

It it doesn't add to the discussion, leave it out. Toilet walls are the place for those desperate to see their words in public places.

Doug

Internet:-  rickard@qut.edu.au
Packet:-  VK4ZDR@VK4DIT.GOLD.QLD.AUS.OC

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Date: Mon, 23 May 1994 15:09:28 GMT
From: spsgate!mogate!newsgate!news@uunet.uu.net
Subject: Vertical antenna advice
To: ham-ant@ucsd.edu

In article <Cq7rHy.BB2@mv.mv.com> tetrault@mv.mv.com (Mark Tetrault) writes:
> To: jeff.smith@n9csa.com
>
> In a recent message, you wrote;
>
> >>Ross, My advice is only: DO NOT BUY A BUTTERNUT VERTICAL ANTENNA!!!!
> >>Pieces of *^%$#$@@#. Vrey hard to tune unless you like to climb.
> >> 73's Jeff
>
>     Hmmmm, that's odd. I have a Butternut HF2V 40/80 and the performance and swr are as
> advertised. The SWR was no harder to set than any other commercial antenna I own and the
> bandwidht is fine giving me all of 40m and the portion of 75/80 I set it for.
>
>     Can't understand your problem.
>
>     Mark

FWIW, I found the HF6VX to be very touchy, tuning-wise, esp. after I added the 17/12M kit. It was also pretty sensitive to the number and length of the radials (it was roof-mounted). I'm not familiar with the HF2V. However, I would guess that a 2 bander would be quite a bit easier to tune than the 8-bander HF6V with 12/17M kit. It's quite a juggling act to get all the bands the way you want them.

73...    Mark    AA7TA

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End of Ham-Ant Digest V94 #154
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